

FIBER OPTIC MIDPLANE CONNECTOR

ABSTRACT OF THE DISCLOSURE

5 A fiber optic connector system in which two fiber optic connectors (44, 46) mate within a cabinet (12) and each one can be withdrawn for cleaning. Each connector is part of a connector assembly (40, 42) that includes a mounting bracket (54, 56) fixed to a corresponding daughterboard (20, 22). A motherboard structure (14) is mounted in the cabinet and has holes. Each daughterboard is slid
10 into an opposite end of the cabinet until its connector passes partially through a motherboard hole and mates to the other connector. A pair of standoffs (101, 102) coupled to each connector limits inward movement of each connector to a position at which the tips of mating termini each lies halfway through an alignment sleeve.

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